
Multi-purpose ISDN Signalling Processor

The MISP messages report problems with the MISP card and its applications.

MISP messages

MISP0100 x	The CSTAT and CSUBSTAT fields on MISP x indicate that the card is Manually Disabled. The Meridian 1 believes the card is Enabled. The card is placed in the System Disabled - Selftests Passed state, and within the next few minutes, the Meridian 1 will attempt to enable the card. Where: x = loop number
MISP0101 x	The CSTAT field on MISP x indicates that the card is no longer Enabled. The Meridian 1 will attempt to return the card to an Enabled state within a few minutes. Under certain conditions, this message is output at the same time as MISP302. Where: x = loop number
MISP0102 x	No response was received from MISP x to a background polling message sent periodically to each MISP. The purpose of this message is to ensure that the card is capable of receiving and sending messages. Where: x = loop number
MISP0103 x	An Overlay was waiting for a message from MISP x. Most likely, the Overlay is no longer loaded. The message the Overlay was waiting for was never received. Where: x = loop number
MISP0104 x	The MISP background audit sent a message to MISP x and did not receive a response. Where: x = loop number
MISP0106 x appl	The MISP audit detected that there was no response to a maintenance message originated by application "appl" on MISP x. Where: x = loop number appl = the application name

MISP0107x appl y The Meridian 1 was unable to determine if downloading was necessary. Three fields accompany this message: x = the MISP loop number, appl = the application name.

The third field (y) contains a value for design use only. An SDL error message should accompany this message and describe the reason for the failure.

MISP0108 x appl Application “appl” on MISP x needs to be downloaded to the card. Downloading begins as soon as there is no overlay loaded. Where: x = loop number

MISP0112 x MISP x has been reset in order to begin automatic recovery. Immediately following this message, the card is executing self tests. When they are finished, provided they pass, the Meridian1 will attempt to enable the card. Where: x = loop number

MISP0201 x appl MISP x sent a message to the Meridian 1 indicating application “appl” data space has been corrupted.

Where: x = loop number

appl = the application name.

MISP0202 x appl MISP x sent a message to the Meridian 1 indicating that application “appl” on the card unexpectedly disabled itself (performed a “close”).

Where: x = loop number

appl = the application name.

MISP0204 x appl The Meridian 1 searched the system disk to find a version of an application “appl” for MISP x, and found none.

Where: x = loop number

appl = the application name.

MISP0205 x appl y z An error was encountered when searching the system disk to find a version of application “appl” for MISP x.

Where: x = loop number

appl = the application name

y and z are for design use only

Action: Refer to an accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application in question if a version exists on the card.

MISP0206 x appl y z An error was encountered when comparing a version of application “appl” on the system disk with a version on MISP x.

Where: x = loop number

appl = the application name

y and z are for design use only

Action: Refer to an accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application in question if a version exists on the card.

MISP0207 x appl y z An error was encountered when downloading application “appl” to MISP x.

Where: x = loop number

appl = the application name

y and z are for design use only

Action: Refer to an accompanying SDL error message for the exact error reason. The entire enable sequence has been aborted.

MISP0208 x When preparing to download the base software to MISP x, the card indicated that some kind of fatal error was encountered. Where: x = loop number.

Action: Execute selftests before attempting any other action regarding this card.

MISP0209 x y z Some memory was reclaimed within the MSDL for future use. An application on MSDL x requested that a buffer pool be freed. When this occurred, there was at least one outstanding buffer.

The basecode waited for the buffer(s) to be returned to the pool before freeing the buffers, but it never returned. The buffer pool was forcibly freed by the basecode. Where: x = MISP loop number. y and z are for design use only.

MISP0300 data The MISP background audit has changed the state of the card. In the cases where the card was previously enabled and now is no longer enabled, another MISP message will indicate the reason for the state change. When making a state transition due to a fatal error on the card, the reason for the fatal error is displayed in this message. This is an informational message and requires no action by the craftsperson.

Output data: MISP300 x FROM: aaaa TO: bbbb TIME time REASON cccc

Where:

x = MISP loop number (in decimal)

aaaa = the status of the MISP prior to the state change

bbbb = the state of the card after the state change

time = the time of the state change

cccc = reason for the error (only when "TO: SYS DSBL - FATAL ERROR")

MISP0301 x y z An expedited data unit (XDU) was received. The Meridian 1 is not expecting MISP x to generate any messages in its current state. However, immediately following a state transition to a disabled state, a pending message may cause this message to be displayed.

There is no specific action to be taken; however, the message indicates that the incoming message from the card was not processed due to the state change.

MISP0302 x y Access to the memory space shared by the Meridian 1 and the MISP (Shared RAM) has been momentarily suspended by MISP x. There is no specific action to be taken as a result of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = loop number

y = the reason for the suspension

Currently the only reason supported is the value 1, indicating that some kind of buffer corruption was detected.

MISP0303 x y The Meridian 1 detected corruption in the receive ring, or the transmit ring, or both, causing access to the memory space shared by the Meridian 1 and MISP x (Shared RAM) to be momentarily suspended.

There is no specific action to be taken as a result of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = loop number and y = a decimal number indicating where the corruption was detected.

1 = receive ring

2 = transmit ring

3 = both receive and transmit rings.

MISP0305 x y The Meridian 1 has received 100 or more messages from MISP x within two seconds. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer does not warrant removing the card from service.

Where: x = loop number

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second).

MISP0306 x y The Meridian 1 has received 100 or more messages from the MISP x within one second. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer warrants removing the card from service.

Where: x = loop number

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second).

MISP0307 x data MISP x encountered a fatal error. Where: x = loop number. The output data is information read from the card regarding the error and is intended for design use only.

MISP0308 x y appl da MISP x reported that it received a message with an invalid (bad) Socket ID.
Where:

x = loop number

y = socket ID

appl = application name

data = up to eight words of hex data representing the message sent